

WHAT IS CLAIMED IS:

1. A toy water gun system comprising:

a primary water gun having a housing, a pressurizable reservoir, an outlet nozzle in flow communication with the reservoir, and an actuating trigger, the primary toy water gun adapted to discharge an output stream of water through the outlet nozzle in response to actuation of the trigger;

the housing of the primary water gun further including a first receiving area and a second receiving area, each of the first and second receiving areas having an output port, the output port of the first receiving area in flow communication with the reservoir via a first conduit, the output port of the second receiving area in flow communication with the reservoir via a second conduit;

a first valve positioned to control flow through the first conduit;

a second valve positioned to control flow through the second conduit;

a first detachable water toy sized for mounting to the housing at the first receiving area, the first detachable water toy arranged to receive water from the reservoir via the output port of the first receiving area in response to operation of the first valve; and

a second detachable water toy sized for mounting to the housing at the second receiving area, the second detachable water toy arranged to receive water from the reservoir via the output port of the second receiving area in response to operation of the second valve;

wherein the first and second detachable water toys are selectively removable from the primary water gun for use.

2. The toy water gun system of claim 1, wherein the first detachable water toy includes a pressurizable reservoir, an outlet nozzle in communication with

the reservoir, and an actuating trigger, the first detachable water toy adapted to discharge an output stream of water through the outlet nozzle of the first detachable water toy in response to actuation of the trigger of the first detachable water toy.

3. The toy water gun system of claim 1, wherein the first receiving area includes a spring-loaded plunger positioned to releasably retained the first detachable water toy in the first receiving area.

4. The toy water gun system of claim 3, wherein the first detachable water toy includes an inlet port positioned to receive water from the output port of the first receiving area, and wherein the spring-loaded plunger is adapted to maintain the inlet port of the first water toy in flow communication with the output port of the first receiving area when the first detectable water toy is disposed in the first receiving area.

5. The toy water gun system of claim 1, wherein the second detachable water toy includes a sponge.

6. The toy water gun system of claim 1, wherein the sponge is throwable.

7. The toy water gun system of claim 5, wherein the second receiving area includes a first panel disposed adjacent the output port of the first receiving area and a second panel spaced away from the first panel, the first and second panels cooperating to releasably retain the second detachable water toy in the second receiving area.

8. The toy water gun system of claim 7, wherein the first and second panels are shaped to correspond to the shape of the second detachable water toy.

9. The toy water gun system of claim 1, wherein the first and second valves are spring-loaded.

10. The toy water gun system of claim 1, wherein the trigger of the primary water gun is slidably mounted to the housing, and wherein the primary water gun includes a primary valve disposed adjacent the outlet nozzle, the primary valve operatively connected to trigger by a connecting rod.

11. A toy water gun system comprising:

a primary water gun having a housing, a reservoir, an outlet nozzle in flow communication with the reservoir, an actuating trigger, and an outlet valve disposed adjacent the outlet nozzle and responsive to actuation of the trigger, the primary toy water gun adapted to discharge an output stream of water through the outlet nozzle in response to actuation of the trigger;

the housing of the primary water gun further including a first receiving area and a second receiving area, each of the first and second receiving areas having an output port, the output port of the first receiving area in flow communication with the reservoir via a first conduit, the output port of the second receiving area in flow communication with the reservoir via a second conduit;

a first valve positioned to control flow through the first conduit;

a second valve positioned to control flow through the second conduit;

a first detachable water toy removably attached to the first receiving area, first detachable water toy including an expandable bladder, a nozzle in communication with the bladder, and an actuating trigger, the first detachable water toy adapted to discharge an output stream of water through the nozzle in response to actuation of the trigger, the bladder of the first detachable water toy arranged to receive water through the nozzle from the reservoir of the primary water gun via the output port of the first receiving area in response to operation of the first valve; and

a second detachable water toy removably attached to the second receiving area, the second detachable water toy arranged to receive water from the reservoir via the output port of the second receiving area in response to operation of the second valve;

wherein the first and second detachable water toys are selectively removable from the primary water gun for use.

12. The toy water gun system of claim 11, wherein the first receiving area includes a spring-loaded plunger positioned to bias the first detachable water toy into engagement with a portion of the housing.

13. The toy water gun system of claim 11, including a spring-loaded plunger disposed adjacent the first receiving area, the spring-loaded plunger positioned to maintain the nozzle of the first detachable water toy in flow communication with the outlet port of the first receiving area when the first detachable water toy is disposed in the first receiving area.

14. The toy water gun system of claim 11, wherein the second detachable water toy includes a deformable sponge, and wherein the second receiving area includes a pair of spaced apart panels sized and shaped to releasably retain the second detachable water toy in the second receiving area.

15. The toy water gun system of claim 14, wherein the first and second panels are shaped to correspond to the shape of the second detachable water toy.

16. The toy water gun system of claim 11, wherein the first and second valves are spring-loaded.

17. The toy water gun system of claim 11, wherein the primary valve includes a trip valve operatively connected to the trigger, the trip valve including a spring-loaded pivot plate arranged to close the primary valve.

18. The toy water gun of claim 11, wherein the primary water totally includes a spring-loaded plunger disposed adjacent the first receiving area and arranged to engage at least a portion of the first detachable water toy into engagement with a portion of the housing when the first detachable water toy is disposed in the first receiving area, and wherein the first detachable water toy includes a spring-loaded check valve, the spring-loaded check valve arranged to shift to an open position when the first detachable water toy is disposed in the first receiving area to thereby permit flow communication between the output port and the expandable bladder, the spring-loaded check valve further arranged to shift to a closed position when the first detachable water toy is removed from the first receiving area.

19. A toy water gun system comprising:

a primary water gun having a housing, a reservoir, an outlet nozzle in flow communication with the reservoir, an actuating trigger, and an outlet valve disposed adjacent the outlet nozzle and responsive to actuation of the trigger, the primary water gun adapted to discharge an output stream of water through the outlet nozzle in response to actuation of the trigger;

the outlet valve including a trip mechanism shiftable between a first position in which flow through the outlet nozzle is prevented, a second position in which flow through the outlet nozzle is permitted, and a third position different from the first position in which flow through the outlet nozzle is prevented, the trip mechanism

shiftable between the first, second and third positions in response to movement of the trigger between a first position, a second position, and a third position, respectively;

the housing of the primary water gun further including a first receiving area and a second receiving area, each of the first and second receiving areas having an output port, the output port of the first receiving area in flow communication with the reservoir via a first conduit, the output port of the second receiving area in flow communication with the reservoir via a second conduit;

a first valve positioned to control flow through the first conduit;

a second valve positioned to control flow through the second conduit;

a first detachable water toy removably attached to the first receiving area, first detachable water toy including an expandable bladder, a nozzle in communication with the bladder, and an actuating trigger, the first detachable water toy adapted to discharge an output stream of water through the nozzle in response to actuation of the trigger, the bladder of the first detachable water toy arranged to receive water through the nozzle from the reservoir of the primary water gun via the output port of the first receiving area in response to operation of the first valve;

a spring-loaded plunger positioned to bias at least a portion of the first detachable water toy into engagement with the housing;

a second detachable water toy removably attached to the second receiving area, the second detachable water toy arranged to receive water from the reservoir via the output port of the second receiving area in response to operation of the second valve;

wherein the first and second detachable water toys are selectively removable from the primary water gun for use.

wherein the second detachable water toy is includes a deformable sponge, and wherein the second receiving area includes a pair of spaced apart panels sized and shaped to releasably retain the second detachable water toy in the second receiving area.

20. The toy water gun of claim 19, wherein the second detachable water toy comprises a absorbent sponge and the second receiving area comprises at least one panel arranged to releasably retain the second detachable water toy in the second receiving area, and wherein the first detachable water toy includes a spring-loaded check valve, the spring-loaded check valve arranged to shift to an open position when the first detachable water toy is disposed in the first receiving area to thereby permit flow communication between the output port and the expandable bladder, the spring-loaded check valve further arranged to shift to a closed position when the first detachable water toy is removed from the first receiving area.

21. A toy gun system comprising:

a primary toy gun having a housing, a pressurizable reservoir, a launch station in flow communication with the reservoir, an actuating trigger, and an actuator arranged to release pressure from the reservoir through the launch station, the launch station adapted to hold and release a foam projectile in response to actuation of the actuator;

the housing of the primary toy gun further including a receiving area, the receiving area having an output port, the output port of the receiving area in-flow communication with the reservoir via a conduit;

a detachable toy gun removably attached to the first receiving area, the detachable toy gun including a pressurizable reservoir, a launch station in flow

communication with the reservoir, and an actuator arranged to release pressure from the reservoir through the launch station, the launch station adapted to hold and release a foam projectile in response to actuation of the actuator, the detachable toy gun including an input port arranged to route pressure from the output port of the receiving area to the reservoir of the detachable toy gun;

a spring-loaded plunger positioned to bias at least a portion of the detachable toy into engagement with the housing to facilitate flow communication between the reservoir of the primary toy gun and the detachable toy gun when the detachable toy gun is in the receiving area; and

wherein the detachable toy is selectively operable to launch the foam projectile when the detachable toy is in the receiving area and when the detachable toy is removed from the receiving area.

22. The toy gun system of claim 21, including a valve positioned to control flow into the input port of the detachable toy gun.

23. The toy gun system of claim 21, including a one-way valve positioned to control flow through the conduit.

24. The toy gun system of claim 23, wherein the one-way valve opens in response to an increase in air pressure in the reservoir of the primary toy gun.